

Amendments to the Claims:

This listing of claims will replace all prior versions, and listing, of claims in the application.

1. (Currently Amended) An extensible administration tool, comprising:
 - a first graphical user interface (GUI) operable to provide hierarchical navigation of a tree;
 - a second GUI operable to provide at least one control panel;
 - a framework for customizing the first and second GUIs; and
 - wherein the at least one control panel can be activated by selection of the node in the tree;
 - wherein the administration tool is used to administer software and wherein the administration tool is extensible by adding the at least one control panel, the at least one control panel being added by updating the tree;
 - wherein the administration tool is used to administer an application server, the application server adapted to host application;
 - ~~wherein the console extension adds the at least one control panel and adds navigation elements that appear along with default supplied system screens,~~ the console extension allowing for custom management of applications deployed onto the application server;
 - wherein nodes in the tree are associated with MBean objects and the tree is updated by associating a user extension with one of the MBean objects;
 - wherein the tree node where a user can access the console extension is a child of the node of the one of the MBean objects; and
 - wherein the extensible administration tool runs on at least one processor.
2. (Original) The tool of claim 1 wherein the framework comprises:
 - a first group of services related to extending the tree; and
 - a second group of services related to defining a control panel.
3. (Original) The tool of claim 2 wherein the first group of services includes:
 - first functions operable to add a node to the tree; and

wherein the node can be associated with an icon and/or a Uniform Resource Locator (URL).

4. (Original) The tool of claim 3 wherein:

the URL is the address of a control panel implementation.

5. (Original) The tool of claim 2 wherein the second group of services includes:

first functions operable to create a control panel.

6. (Original) The tool of claim 1 wherein:

the tree contains at least one node; and

wherein the at least one node can represent a network-accessible entity that can be administratively controlled by the tool.

7. (Original) The tool of claim 1 wherein:

the tree contains at least one node; and

wherein the at least one node is associated with at least one of: 1) a menu; 2) another node; and 3) a control panel.

8. (Original) The tool of claim 1 wherein:

the tree provides a graphical representation of network resources.

9. (Original) The tool of claim 1 wherein:

the tool can be used to administer resources within an application and/or web server.

10. (Original) The tool of claim 1 wherein:

the at least one control panel can include tabs.

11. (Currently Amended) An extensible administration tool, comprising:

a first graphical user interface (GUI) operable to provide hierarchical navigation of a tree;

a second GUI operable to provide at least one control panel;

a framework for customizing the first and second GUIs;
wherein the at least one control panel can be activated by selection of the node in the tree;
and
wherein the tool can be used to administer resources within an application and/or web server;
wherein the administration tool is used to administer software and wherein the administration tool is extensible by adding the at least one control panel, the at least one control panel being added by updating the tree;
wherein the administration tool is used to administer an application server, the application server adapted to host application;
~~wherein the console extension adds the at least one control panel and adds navigation elements that appear along with default supplied system screens,~~ the console extension allowing for custom management of applications deployed onto the application server;
wherein nodes in the tree are associated with MBean objects and the tree is updated by associating a user extension with one of the MBean objects;
wherein the tree node where a user can access the console extension is a child of the node of the one of the MBean objects; and
wherein the extensible administration tool runs on at least one processor.

12. (Original) The tool of claim 11 wherein the framework comprises:

a first group of services related to extending the tree; and
a second group of services related to defining a control panel.

13. (Original) The tool of claim 12 wherein the first group of services includes:

first functions operable to add a node to the tree; and
wherein the node can be associated with an icon and/or a Uniform Resource Locator (URL).

14. (Original) The tool of claim 13 wherein:

the URL is the address of a control panel implementation.

15. (Original) The tool of claim 12 wherein the second group of services includes:
first functions operable to create a control panel.
16. (Original) The tool of claim 11 wherein:
the tree contains at least one node; and
wherein the at least one node can represent a network-accessible entity that can be
administratively controlled by the tool.
17. (Original) The tool of claim 11 wherein:
the tree contains at least one node; and
wherein the at least one node is associated with at least one of: 1) a menu; 2) another
node; and 3) a control panel.
18. (Original) The tool of claim 11 wherein:
the tree provides a graphical representation of network resources.
19. (Previously Presented) The tool of claim 11 wherein:
the at least one control panel can include tabs.
20. (Currently Amended) A method for customizing an administration tool, said method
comprising:
providing a control panel wherein the control panel is operable to configure a network-
accessible resource;
adding a node to a graphical representation of a resource tree;
associating the node with the control panel; and
wherein the control panel can be activated by selection of the node in the resource tree;
wherein the administration tool is used to administer software and wherein the
administration tool is extensible by adding the at least one control panel, the at least one control
panel being added by updating the tree;
wherein the administration tool is used to administer an application server, the
application server adapted to host application; and

~~wherein the console extension adds the at least one control panel and adds navigation elements that appear along with default supplied system screens;~~ the console extension allowing for custom management of applications deployed onto the application server;

wherein nodes in the tree are associated with MBean objects and the tree is updated by associating a user extension with one of the MBean objects; and

wherein the tree node where a user can access the console extension is a child of the node of the one of the MBean objects.

21. (Original) The method of claim 20 wherein providing a control panel comprises:
implementing a Java Server Page (JSP).

22. (Original) The method of claim 20 wherein adding a node to the resource tree comprises:
making the node a child of at least one other node.

23. (Original) The method of claim 20 wherein:
the tree contains at least one node; and
wherein the at least one node can represent a network-accessible entity that can be administratively controlled by the tool.

24. (Original) The method of claim 20 wherein:
the tree contains at least one node; and
wherein the at least one node is associated with at least one of: 1) a menu; 1) another node; and 3) a control panel.

25. (Original) The method of claim 20 wherein:
the tree provides a graphical representation of network resources.

26. (Original) The method of claim 20 wherein:
the tool can be used to administer resources within an application and/or a web server.

27. (Original) The method of claim 20 wherein:

the control panel can include tabs.

28. (Currently Amended) A method for customizing an administration tool, said method comprising:

providing a control panel wherein the control panel is operable to configure a network-accessible resource;

adding a node to a graphical representation of a resource tree;

associating the node with the control panel;

wherein the control panel can be activated by selection of the node in the resource tree;

and

wherein the tool can be used to administer resources within an application and/or a web server;

wherein the administration tool is used to administer software and wherein the administration tool is extensible by adding the at least one control panel, the at least one control panel being added by updating the tree;

wherein the administration tool is used to administer an application server, the application server adapted to host application; and

~~wherein the console extension adds the at least one control panel and adds navigation elements that appear along with default supplied system screens,~~ the console extension allowing for custom management of applications deployed onto the application server

wherein nodes in the tree are associated with MBean objects and the tree is updated by associating a user extension with one of the MBean objects; and

wherein the tree node where a user can access the console extension is a child of the node of the one of the MBean objects.

29. (Original) The method of claim 28 wherein providing a control panel comprises:
implementing a Java Server Page (JSP).

30. (Original) The method of claim 28 wherein adding a node to the resource tree comprises:
making the node a child of at least one other node.

31. (Original) The method of claim 28 wherein:
the tree contains at least one node; and
wherein the at least one node can represent a network-accessible entity that can be administratively controlled by the tool.
32. (Original) The method of claim 28 wherein:
the tree contains at least one node; and
wherein the at least one node is associated with at least one of: 1) a menu; 1) another node; and 3) a control panel.
33. (Original) The method of claim 28 wherein:
the tree provides a graphical representation of network resources.
34. (Original) The method of claim 28 wherein:
the control panel can include tabs.
35. (Currently Amended) A machine readable medium having instructions stored thereon that when executed by a processor cause a system to:
provide a control panel wherein the control panel is operable to configure a network-accessible resource;
add a node to a graphical representation of a resource tree;
associate the node with the control panel;
wherein the control panel can be activated by selection of the node in the resource tree;
and
wherein the tool can be used to administer resources within an application and/or a web server; wherein the administration tool is used to administer software and wherein the administration tool is extensible by adding the at least one control panel, the at least one control panel being added by updating the tree;
wherein the administration tool is used to administer an application server the application server adapted to host application; and

~~wherein the console extension adds the at least one control panel and adds navigation elements that appear along with default supplied system screens, the console extension allowing for custom management of applications deployed onto the application server;~~

wherein nodes in the tree are associated with MBean objects and the tree is updated by associating a user extension with one of the MBean objects; and

wherein the tree node where a user can access the console extension is a child of the node of the one of the MBean objects.

36. (Original) The machine readable medium of claim 35 wherein providing a control panel comprises instructions that when executed cause the system to:

implement a Java Server Page (JSP).

37. (Original) The machine readable medium of claim 35 wherein adding a node to the resource tree further comprising instructions that when executed cause the system to:

make the node a child of at least one other node.

38. (Original) The machine readable medium of claim 35 wherein:

the tree contains at least one node; and

wherein the at least one node can represent a network-accessible entity that can be administratively controlled by the tool.

39. (Original) The machine readable medium of claim 35 wherein:

the tree contains at least one node; and

wherein the at least one node is associated with at least one of: 1) a menu; 1) another node; and 3) a control panel.

40. (Original) The machine readable medium of claim 35 wherein:

the tree provides a graphical representation of network resources.

41. (Original) The machine readable medium of claim 35 wherein:

the control panel can include tabs.